

		<h1 style="text-align: center;">AWARD/ MODIFICATION</h1>		3a. AWARDING OFFICE:	
				Office of Naval Research 875 N. Randolph Street, Suite 1425 Arlington, VA 22203-1995	
1. INSTRUMENT TYPE:		3b. CFDA:		3c. DUNS NUMBER:	
Grant Award		12.300		052184116	
2. AUTHORITY:		6. MODIFICATION TYPE:		7. PR NO.:	
10 USC 2358 and 31 USC 6304, as amended		IF		4720003912	
4. AWARD NO.:		5. MODIFICATION NO.:		12. PROGRAM TYPE:	
N00014-17-1-2899		P00005		ONR	
8. ACTIVITY/AGENCY PROPOSAL NO.:		9. RECIPIENT PROPOSAL NO.:		11. ACTIVITY TYPE:	
GRANT12394620				R&D	
13. ISSUED TO		13b. CAGE:		13c. ED/EFT NUMBER:	
13a. ADDRESS:		97668		N/A	
CARNegie MELLON UNIVERSITY		14. REMITTANCE ADDRESS (IF DIFFERENT FROM BLOCK 13): Same as Block # 13			
5000 FORBES AVE					
PITTSBURGH PA 15213-3815					
UNITED STATES OF AMERICA					
13d. BUSINESS OFFICE CONTACT:					
Judy Coyle					
13e. TELEPHONE NUMBER:		13f. EMAIL ADDRESS:			
412-268-5597		jcoyle@andrew.cmu.edu			
15. RESEARCH TITLE AND/OR DESCRIPTION OF PROJECT AND/OR PROPOSAL TITLE:					
Explainable Systems: Improving confidence in autonomous systems					
16. FUNDING		ACTIVITY/AGENCY SHARE		17. CURRENT FUNDING PERIOD	
PREVIOUSLY OBLIGATED:				N/A THROUGH N/A	
OBLIGATED BY THIS ACTION:					
TOTAL OBLIGATED ON AWARD:				18. PERIOD OF PERFORMANCE	
FUTURE FUNDING:				09/30/2017 THROUGH 09/30/2022	
GRANT TOTAL:					
19. ACCOUNTING AND APPROPRIATION DATA:					
See Attached Financial Accounting Data Sheet(s)					
20a. PRINCIPAL INVESTIGATOR/RECIPIENT		21. TECHNICAL REPRESENTATIVE		21b. CODE:	
TECHNICAL REPRESENTATIVE:		21a. NAME: SUKARNO MERTOGUNO		311	
David Garlan		21c. ADDRESS:			
		MATH COMPUTERS & INFO RESEARCH DIV			
		875 N. Randolph Street			
		Arlington VA 22203-1995			
20b. TELEPHONE NUMBER:		21d. TELEPHONE NUMBER:		21e. EMAIL ADDRESS:	
4122685597				SUKARNO.MERTOGUNO@NAVY.MIL	
20c. EMAIL ADDRESS:		21e. EMAIL ADDRESS:		23b. CODE:	
dg4d@andrew.cmu.edu				N62880	
22. POC FOR THIS ACTION		22b. CODE:		23a. ADMINISTRATIVE OFFICE:	
22a. NAME: ELIZABETH FORD		BD255		ONR REG Office Chicago	
22c. ADDRESS:				Telephone: (312) 886-5423	
Office of Naval Research				Email: ONR_Chicago@navy.mil	
875 N. Randolph Street Suite 1425				230 South Dearborn	
Arlington VA 22203-1995				CHICAGO IL 60604-1595	
22d. TELEPHONE NUMBER:		22e. EMAIL ADDRESS:			
703-696-2576		ELIZABETH.FORD@NAVY.MIL			
24. SUBMIT PAYMENT REQUEST TO:		25a. PAYING OFFICE		26a. PATENT OFFICE:	
Same as block 23a		25b. CODE: HQ0337		26b. CODE: N00014	
		DFAS-CO/NORTH ENTITLEMENT OPERATIONS		Office of Naval Research	
		HQ0337		ATTN: ONR Office of Counsel	
		PO Box 182266		Intellectual Property Section	
		COLUMBUS OH 43128		One Liberty Center	
				875 North Randolph Street, Suite 1425	
				Arlington, VA 22203-1995	

AWARD NO. N00014-17-1-2899		AWARD/MODIFICATION		MODIFICATION NO. P00005																							
27. SPECIAL INSTRUCTIONS: See Special Requirements on Page 5																											
28. DELEGATIONS: The administration duties listed below have been delegated to the administrative office (block 23a). Upon request the awarding office contact (block 22) will make their full text available. Please direct questions to the contacts @: http://www.onr.navy.mil/Contracts-Grants/Regional-Contacts.aspx																											
This award provides full delegation to the administrative office in Block 23 of the grant. Full delegation includes the functions described in the DoDGARs at 32 CFR 22.715 and the administrative grants officer functions related to payments described in 32 CFR 22.810.																											
29. TERMS AND CONDITIONS: The following terms and conditions are incorporated herein by reference with the same force and effect as if they were given in full text. Upon request the awarding office contact named in block 22 will make their full text available, or they can be found at the specified URL.																											
DOCUMENT				URL																							
<p>The following documents may be found at :</p> <p>http://www.onr.navy.mil/Contracts-Grants/submit-proposal/grants-proposal/grants-terms-conditions.aspx</p> <p>DOD RESEARCH AND DEVELOPMENT GENERAL TERMS AND CONDITIONS (JULY 2016)</p> <p>UAWA AWARD A (NOV 2003)</p> <p>STANDARD TERMS/CONDITIONS FOR RESEARCH GRANTS (AGENCY SPECIFIC) (FEB 2015)</p>																											
<table border="1"> <thead> <tr> <th>30. OPTIONS</th> <th>OPTION NO.</th> <th>AMOUNT</th> <th>PERIOD</th> </tr> </thead> <tbody> <tr><td>(1)</td><td></td><td></td><td></td></tr> <tr><td>(2)</td><td></td><td></td><td></td></tr> <tr><td>(3)</td><td></td><td></td><td></td></tr> <tr><td>(4)</td><td></td><td></td><td></td></tr> </tbody> </table>								30. OPTIONS	OPTION NO.	AMOUNT	PERIOD	(1)				(2)				(3)				(4)			
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(1)																											
(2)																											
(3)																											
(4)																											
31. REPORTS: The reporting requirements under this award are specified in the articles of part 5 (Financial, Programmatic, and Property Reporting) to the General Terms and Conditions and in any additional language for Part 5 in an ONR Addendum to the General Terms and Conditions specified in Block 29.																											
32. FOR THE RECIPIENT				33. FOR THE UNITED STATES OF AMERICA																							
32a. SIGNATURE OF PERSON AUTHORIZED TO SIGN				33a. SIGNATURE OF AWARDOFFICER Digitally signed by VANESSA SEYMOUR 1061137463 Dated: 2018.12.19 18:41:35 EST																							
32b. NAME AND TITLE OF SIGNER		32c. DATE SIGNED		33b. NAME AND TITLE OF AWARD OFFICER VANESSA SEYMOUR		33c. DATE SIGNED 12/19/2018																					

FINANCIAL ACCOUNTING DATA SHEET - NAVY

1. CONTRACT NUMBER (CRITICAL) N00014-17-1-2899			2. SPIIN (CRITICAL)		3. MOD (CRITICAL) P00005			4. PR NUMBER 4720003912									
CLIN/SLIN	6. LINE OF ACCOUNTING													7. AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN	
	A. ACRN (CRITICAL)	B. APPROPRIATION (CRITICAL)	C. SUBHEAD (CRITICAL)	D. OBJ CLA	E. PARM	F. RFM	G. SA	H. AAA (CRITICAL)	I. IT	J. PAA	K. COST CODE						
											PROJ UNIT	MCC	PDLI & SUF				
	AC	1791319	W2AR	410	00	014	0	050120	2D	000000	000027	585	559	\$430,302.00			
PAGE TOTAL														\$430,302.00			
GRAND TOTAL														\$430,302.00			
PREPARED/AUTHORIZED BY:						COMPTROLLER APPROVAL:											
DATE:						FOR FISCAL DATA AND SIGNATURE											
						BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED											
DATE:						DATE:											

FINANCIAL ACCOUNTING DATA SHEET – NON-NAVY DoD ACTIVITIES

1. CONTRACT NUMBER (CRITICAL) N00014-17-1-2899		2. SPIIN (CRITICAL)		3. MOD (CRITICAL) P00005		4. PR NUMBER 4720003912		
5. CLIN/SLIN	6. ACRN (CRITICAL)	7. ACCOUNTING CITATION				8. AMOUNT (CRITICAL)		NAVY INTERNAL USE ONLY REF DOC/ACRN
						PAGE TOTAL		
						GRAND TOTAL		
PREPARED/AUTHORIZED BY:				COMPTROLLER APPROVAL: FOR FISCAL DATA AND SIGNATURE				
DATE:				BY _____ for COMPTROLLER, ONR CONTRACT REVIEWED				
				DATE:				

AWARD NO.
N00014-17-1-2899

SPECIAL REQUIREMENTS

MODIFICATION NO.
P00005

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